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a matching circuit, directly connected between each pair of amplifying elements adjacent to each other, for performing an impedance matching between the pair of amplifying elements, wherein the matching circuit comprises:

a one-stage high pass filter type matching unit having a parallel inductor and a serial capacitor; and

a one-stage low pass filter type matching unit serially connected with the one-stage high pass filter type matching unit.

2. (Twice Amended) A multistage amplifier, comprising:

a plurality of amplifying elements for amplifying an input signal stage by stage and outputting an amplified signal; and

a matching circuit, directly connected between each pair of amplifying elements adjacent to each other, for performing an impedance matching between the pair of amplifying elements, wherein the matching circuit arranged between the final-stage amplifying element and the amplifying element placed just before the final-stage amplifying element comprises:

a one-stage high pass filter type matching unit having a parallel inductor and a serial capacitor; and

a one-stage low pass filter type matching unit serially connected with each other.
